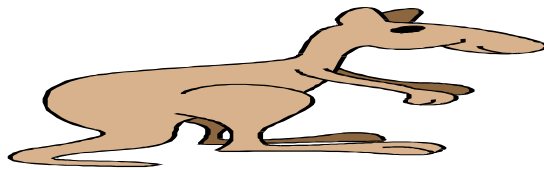


Name That Vertebrate
Science Performance Event
Middle School Level



by

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MAP Senior Leaders

South Central Regional MAP Center

Name That Vertebrate

Rationale: This performance event is intended to be used as a culminating and /or extension activity following a series of lessons about vertebrates. The student will have the opportunity to demonstrate his/her knowledge of the defining characteristics of fish, amphibians, reptiles, birds, and mammals.

Level: 4-6

Subject: Science

Show-Me Standards Addressed:

Content Standards: Sc3

Process Standards: 3.5, 4.1

Materials Needed: pencil, Performance Event Packet (which contains the Student Prompt, the Response Sheet, and the Scoring Guide).

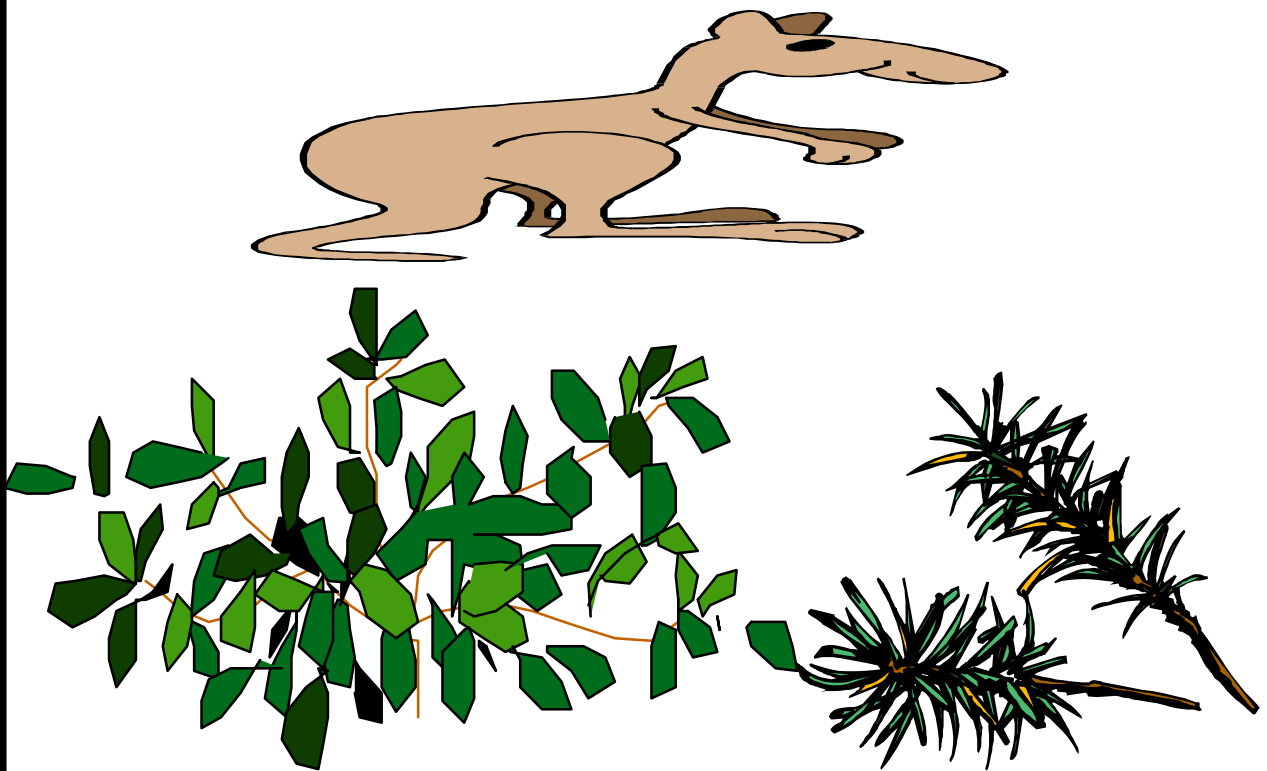
Time Needed for Event: 30 minutes

Instructions for Administration: Present students with the Student Prompt and make sure they clearly understand what is expected. Go over the scoring guide to ensure students know what is meant by quality.

Pre-Assessment Instructions: Prior to the administration of this performance event, students will need to have the prerequisite knowledge of the defining characteristics of vertebrates including fish, birds, mammals, reptiles, and amphibians. What characteristics does a vertebrate animal possess that places it within a particular group? A brief review of these characteristics may be beneficial for students.

Name that Vertebrate Student Prompt

You are a zoologist that has discovered a new vertebrate. Give your vertebrate a name and tell if your animal is a fish, amphibian, mammal, reptile, or bird. Write a paragraph explaining how you know the animal is in this group and explain why it cannot belong to the other four vertebrate groups.



[illegible][illegible][illegible][illegible][illegible]

Name that Vertebrate Scoring Guide

- 3 The student has clearly developed a vertebrate animal and provided adequate details that clearly prove understanding of the characteristics of fish, amphibians, reptiles, mammals, and birds.
- 2 The student has developed a vertebrate animal and provided some details that prove understanding of the characteristics of fish, amphibians, reptiles, mammals, and birds.
- 1 The student identified a vertebrate animal but does not show an understanding of the characteristics of fish, amphibians, reptiles, mammals, and birds. The supporting details were inaccurate and/or were not given.
- 0 Other